| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|------------------------------|---------------------|---------|------------------|
| S53 | 19 | (kashihara.in.) and (("257"/\$3.ccls.) or ("438"/\$3.ccls.)) and (@ad<"20030829" or @rlad<"20030829") | US-PGPUB; USPAT | OR | ON | 2006/01/10 14:17 |
| S1 | 1806 | ((cup or cylinder or cylindrical) with capacitor) and (("257"/\$3. cor.) or ("438"/\$3.cor.)) and (@ad<"20030829" or @rlad<"20030829") | US-PGPUB; USPAT | OR | ON | 2006/01/10 14:23 |
| S21 8 | 33 | S217 and (mask with (hole or trench)) | US-PGPUB; USPAT | OR | ON | 2006/01/10 14:24 |
| S21 7 | 83 | S216 and (barrier with (plug or stud)) | US-PGPUB; USPAT | OR | ON | 2006/01/10 14:24 |
| S3 | 79 | S2 and (mask with (hole or trench)) | US-PGPUB, USPAT | OR | ON | 2006/01/10 14:24 |
| S2 | 282 | S1 and (barrier with (plug or stud)) | US-PGPUB; USPAT | OR | ON | 2006/01/10 14:24 |
| S21 6 | 481 | (((cup or cylinder or cylindrical) near2 electrode) with capacitor) and (("257"/\$3.cor.) or ("438"/\$3.cor.)) and (@ad<"20030829" or @rlad<"20030829") | US-PGPUB; USPAT | OR | ON | 2006/01/19 17:29 |
| S21 5 | 20 | (kashihara.in.) and (("257"/\$3.ccls.) or ("438"/\$3.ccls.)) and (@ad<"20030829" or @rlad<"20030829") | US-PGPUB; USPAT | OR | ON | 2006/01/19 17:47 |
| S21 0 | 309 | S209 and (@ad<"20030829" or @rlad<"20030829") | US-PGPUB; USPAT | OR | ON | 2006/01/19 17:47 |
| S22 4 | 12 | S223 and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/19 17:48 |
| S22 2 | 50 | (capacitor with (electrode) with (fork or fork\$1like or (fork adj (shape or shaped or "like")) or fork\$1shape or fork\$1shaped)) | US-PGPUB; USPAT | OR | ON | 2006/01/19 17:50 |
| S22 3 | 50 | S222 and (@ad<"20030829" or @rlad<"20030829") | US-PGPUB; USPAT | OR | ON | 2006/01/19 17:51 |
| S23 0 | 21 | S229 not S222 | US-PGPUB; USPAT | OR | ON | 2006/01/19 17:52 |
| S22 7 | 0 | \$226 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/19 17:52 |
| S22 6 | 35 | S225 not S222 | US-PGPUB; USPAT | OR | ON | 2006/01/19:17:52 |
| S22 5 | 85 | (capacitor same (electrode with (fork or fork\$1like or (fork adj (shape or shaped or "like")) or fork\$1shape or fork\$1shaped))) | US-PGPUB; USPAT | OR | ON | 2006/01/19 17:52 |
| S23 2 | 3 | ("5702974" "5972769" "6027981") PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/19 17:53 |
| S23 3 | 3 | ("5453633" "5744833" "5869861").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/19 17:55 |
| S23 5 | 0 | (("not" adj (cylinder or cylindrical or cylindrically)) with electrode) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/19 18:02 |
| S23 1 | 7 | S230 and memory | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:03 |
| S22 9 | 33 | S228 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:03 |
| S24 3 | 579 | (electrode with (prong)) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:04 |
| S24 2 | 1 | S241 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:04 |

| S23 8 | 49 | S237 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:04 |
|-----------|-------|---|------------------------------|----|----|------------------|
| S24 5 | 314 | (electrode with (spacer near (conductive or poly\$1si or polysilicon)) not gate) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:06 |
| S24 4 | 13 | S243 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:07 |
| S23 9 | 30 | S238 and (dram or memory) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:07 |
| S24 7 | 26 | S246 and (dram or memory) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:11 |
| S24 6 | 47 | S245 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:11 |
| S25 1 | 12 | ("5217914" "5438011" "5492850" "5543346" "5550076" "5604146" "5604696" "5702989" "5714779" "5721168" "5726086" "5750430").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/19 18:12 |
| S25 4 | 27 | S253 and (:dram or memory) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:16 |
| S25 0 | 93 | S249 and (dram or memory) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:16 |
| S24 9 | 429 | S248 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:16 |
| S25 3 | 101 | S252 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:24 |
| S25 8 | 12643 | (electrode with (trench or groove) not gate) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:25 |
| S25 7 | 14 | S256 and (@ad<"20030829" or @rlad<"20030829") | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:25 |
| S25 5 | 1948 | (electrode with (trench) not gate) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:25 |
| S26 2 | 178 | 257/303.cor. | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:26 |
| S26 1 | 1 | S260 not S257 | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:26 |
| S26 0 | 15 | S259 and (257/306.cor.) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:26 |
| S25 9 | 11479 | S258 and (@ad<"20030829" or @rlad<"20030829") | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:26 |
| S25 6 | 16 | S255 and (257/306.cor.) | US-PGPUB; USPAT | OR | ON | 2006/01/19 18:26 |
| S26 3 | 160 | S262 and (@ad<"20030829" or @rlad<"20030829") | US-PGPUB; USPAT | OR | ON | 2006/01/22 13:37 |
| \$26 5 | 20 | S264 and (@ad<"20030829" or @rlad<"20030829") | US-PGPUB; USPAT | OR | ON | 2006/01/22 13:38 |
| S26 4 | 20 | (hollow with cylinder) and ((dram or (dynamic adj (ram or random)) or capacitor or capacitance) ab) and cup | US-PGPUB; USPAT | OR | ON | 2006/01/22:13:38 |
| S26 7 | 77 | S266 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/22 13:39 |
| S27 2 | 0 | (can\$1capacitor) and ((dram or (dynamic adj (ram or random)) or capacitor or capacitance).ab.) | US-PGPUB; USPAT | OR | ON | 2006/01/22 13:40 |
| S27 0 | 282 | ("can" adj (capacitor)) and ((dram or (dynamic adj (ram or random)) or capacitor or capacitance).ab.) | US-PGPUB; USPAT | OR | ON | 2006/01/22 13:40 |

| S26 9 | 1 | S268 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/22 13:40 |
|-----------|-----|---|------------------------------|----|----|------------------|
| S26 8 | 6 | (can\$1shape or can\$1shaped) and ((dram or (dynamic adj (ram or random)) or capacitor or capacitance).ab.) | US-PGPUB; USPAT | OR | ON | 2006/01/22:13:40 |
| S26 6 | 324 | ("can" adj (shape or shaped)) and ((dram or (dynamic adj (ram or random)) or capacitor or capacitance).ab.) | US-PGPUB; USPAT | OR | ON | 2006/01/22 13:40 |
| S27 4 | 111 | S273 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/22:13:41 |
| \$27 3 | 427 | (cup\$1shape or cup\$1shaped) and ((dram or (dynamic adj (ram or random)) or capacitor or capacitance).ab.) | US-PGPUB; USPAT | OR | ON | 2006/01/22 13:41 |
| S27 1 | 49 | S270 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/22 13:41 |
| S27 6 | 102 | S275 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:26 |
| S27 5 | 222 | ((cup\$1shape or cup\$1shaped) with (electrode or capacitor)) and ((dram or (dynamic adj (ram or random)) or capacitor or capacitance).ab.) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:26 |
| S28 1 | 272 | S280 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:28 |
| S27 8 | 4 | ((conformal adj lower adj electrode)) and ((dram or (dynamic adj (ram or random)) or capacitor or capacitance) ab.) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:28 |
| S28 2 | 272 | S281 and ((dram or (dynamic adj (ram or random)) or capacitor or capacitance).ab.) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:29 |
| S28 4 | 17 | ("5043780" "5102832" "5112773" "5130885" "5138411" "5182232" "5191509" "5320880" "5340765" "5366917" "5372962" "5385863" "5407534" "5418180" "5561307" "5563090" "5569614").PN | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/22 19:33 |
| S28 6 | 4 | ("20020019123" "6057571" "6150206" "6294834").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/22 19:37 |
| S28 7 | 8 | ("6150206").URPN. | USPAT | OR | ON | 2006/01/22 19:38 |
| S28 9 | 3 | "6620685" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/22 19:41 |
| S28 8 | 1 | ("6225208").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/22 19:41 |
| S29 0 | 3 | ("6143601" "6258649" "6329681").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/22 19:42 |
| S29 1 | 1 | ('5610854").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/22:19:44 |
| S28 3 | 243 | S282 not (cylinder or cylindrical) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:46 |
| S27 9 | 2 | S278 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | or | ON | 2006/01/22 19:46 |
| S29 6 | 1 | "6713363" | USPAT | OR | ON | 2006/01/22 19:48 |
| S29 5 | 0 | ("6713363").URPN. | USPAT | OR | ON | 2006/01/22 19:48 |

| \$29 4 | 7 | ("5174856" "5200031" "5230772" "5780115" "5872061" "6331380" "6372150").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/22 19:48 |
|-----------|------|---|------------------------------|----|----|------------------|
| S29 8 | 1108 | S297 not S277 | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:51 |
| S30 2 | 1 | (((metal\$1insulator\$1metal or metal\$1insulation\$1metal or (metal adj (insulator or insulation) adj metal) or mim) near2 capacitor)) and S300 | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:52 |
| S30 1 | 0 | (((metal\$1insulator\$1metal or metal\$1insulation\$1metal or (metal adj (insulator or insulation) adj metal) or mim) near2 capacitor).ab.) and S300 | US-PGPUB; USPAT | OR | ON | 2006/01/22:19:52 |
| S29 9 | 147 | S298 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:52 |
| S29 2 | 343 | S277 not (cylinder or cylindrical or cup) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:52 |
| S28 0 | 394 | (((metal\$1insulator\$1metal or metal\$1insulation\$1metal or (metal adj (insulator or insulation) adj metal) or mim) near2 capacitor).ab.) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:52 |
| \$30 5 | 788 | (metal with trench) and (capacitor.ab.) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:53 |
| S30 4 | 9 | S303 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:53 |
| S30 0 | 132 | S299 not (cylinder or cylindrical or cup) | US-PGPUB; USPAT | OR | ON | 2006/01/22:19:53 |
| S31 2 | 138 | S311 not S293 | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:54 |
| S31 1 | 140 | S310 not S285 | US-PGPUB; USPAT | OR | ON | 2006/01/22:19:54 |
| S31 0 | 172 | S309 not (cylinder or cylindrical or cup) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:54 |
| S30 9 | 217 | S308 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/22:19:54 |
| S30 8 | 270 | (metal with trench with electrode) and (capacitor.ab.) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:54 |
| S30 7 | 521 | S306 not (cylinder or cylindrical or cup) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:54 |
| S30 6 | 621 | S305 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:54 |
| S29 3 | 78 | S292 and (@ad<"20030829" or @rlad<"20030829") and (("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:54 |
| \$28 5 | 228 | S283 not hsg | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:54 |
| S31 3 | 16 | (noble) and S312 | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:55 |
| S30 3 | 11 | (noble with trench) and (capacitor.ab.) | US-PGPUB; USPAT | OR | ON | 2006/01/22 19:55 |
| S31 4 | 5 | ("5363550" "5367956" "5589845" "5976928" "6030866"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/22 19:56 |
| S31 5 | 16 | ("5374580" "5552355" "5619051" "5668041" "5686339" "5691219" "5825055" "5843818" "5879985" "5920761" "5952687" "5976928" "6030847" "6051859" "6066528" "6071770").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/22 19:58 |

| S31 | 20 | ("5275974" "5318927" "5330931" "5340370" "5354712" | US-PGPUB; | OR | ON | 2006/01/22 19:59 |
|-----|----|---|-----------|----|----|------------------|
| 6 | | "5392189" "5394000" "5516346" "5527423" "5566045" | USPAT; | | | |
| | | "5614444" "5627094" "5639697" "5661064" "5691571" | USOCR | | | |
| | | "5696017" "5741722" "5786259" "5801079" "5843818"). | | | | |
| : | | PN. | | | | |